

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) In an agricultural harvester having a crop processing unit comprising an axial rotor having an axis of rotation and a housing, the rotor comprising:

a drum having a rearward cylindrical portion and a forwardly extending frusto-conical portion, the surface of the frusto-conical portion comprising an aft-region adjacent to the rearward cylindrical portion of the drum, and a fore-region;

an infeed section for receiving harvested crop material, the infeed section having at least one infeed element located on the fore-region of the frusto-conical portion of the drum, each infeed element having a forward portion and a rearward portion, the forward portion having an outer edge that is forward swept in a direction of rotation of the drum, the rearward portion of the infeed element having an outer edge that is forward swept on a front thereof, the rearward portion of the infeed element transitioning such that the outer edge is rearward swept on a rear thereof;

a threshing section for processing harvested crop material received from the infeed section of the rotor, the threshing section having at least one threshing element located on the aft-region of the frusto-conical portion of the drum, the threshing element having a crop engaging portion that is parallel to the axis of rotation; and

wherein the rear of the rearward portion of the infeed element and the threshing element are secured to an infeed element attachment feature for directing the harvested crop material from the rearward portion of the infeed element directly onto a crop engaging portion of the threshing element.

2. (previously presented) The rotor described in Claim 1 wherein the crop engaging portion of the threshing element of the crop processing section sweeps a cylindrical path upon rotation of the rotor.